

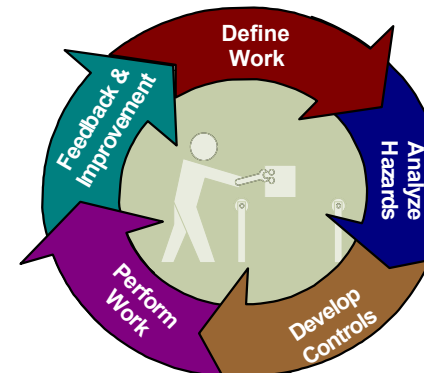
ISM Vision and Workshop Objective

Chuan Wu

DOE ISM Workshop

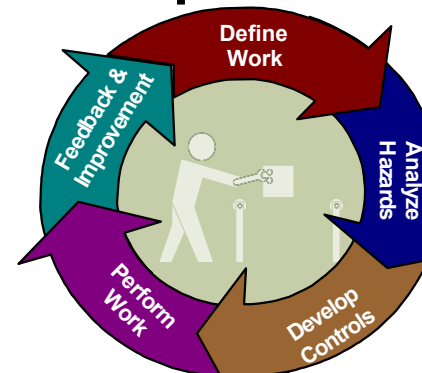
April 25, 2006

Albuquerque, New Mexico



Topics

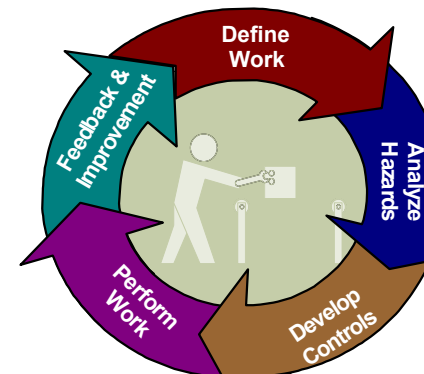
- ISM Vision
- Workshop Objective & Focus
- ISM Champions Council
- Integrating ISM with Other Management Systems
- Improving Safety Performance – Examples
- Review of 2004-1 IP Actions



Thoughts for the Day

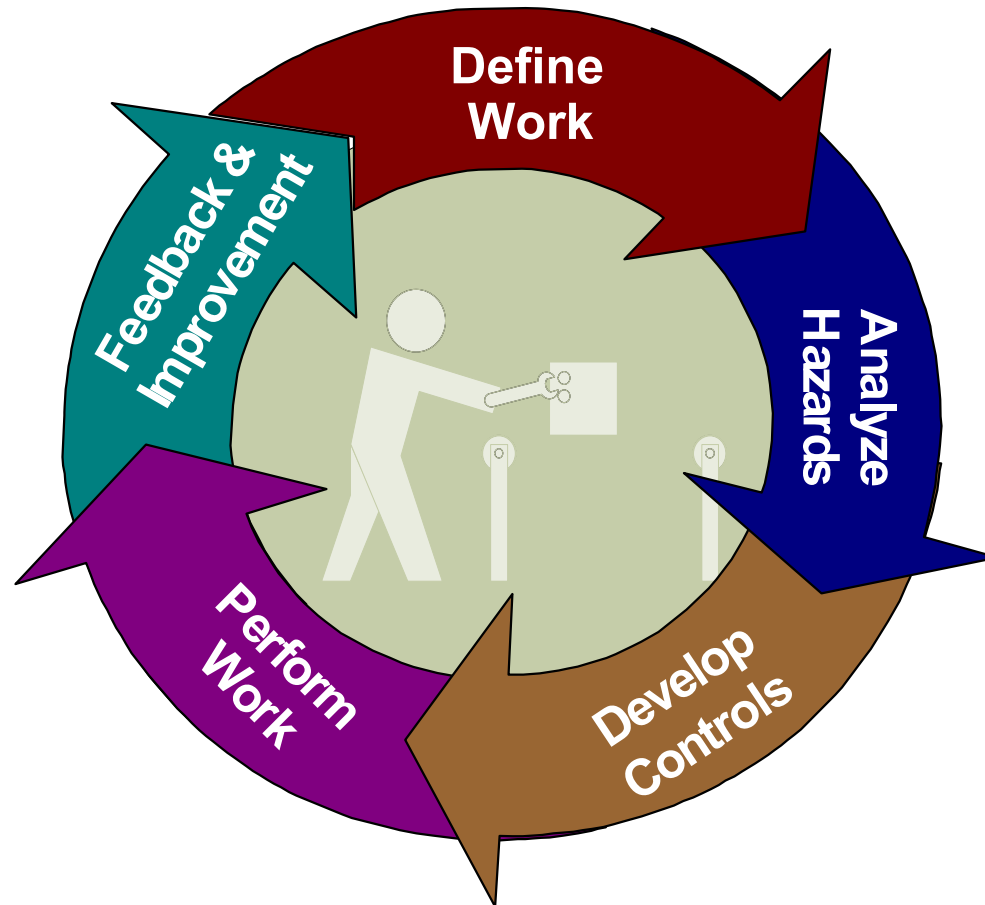
- *There is no more worthy cause than ensuring the safety of ourselves, our co-workers, our neighbors and our environment.*
- *Our success or failure will be the legacy we leave those who come after us.*

» *Joseph DiNunno, Former DNFSB Member*



ISM Vision

All work in the DOE complex is accomplished in a safe, reliable and quality manner.



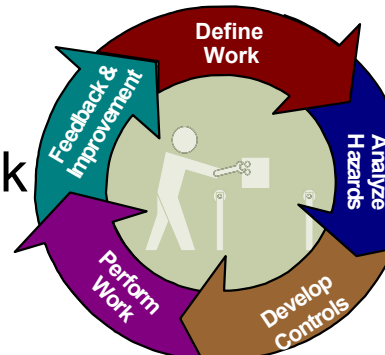
Workshop Objective & Focus

- Objective:

Strong community working together to sustain common vision of ISM implementation

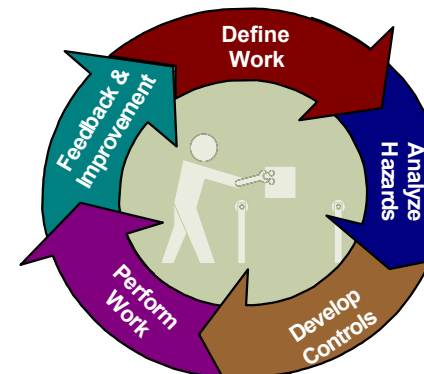
- Focus

- Human Performance Improvement (HPI) Training
- ISM Champions Meetings
- Focused Presentations
- PSO Breakout Sessions (NNSA, EM, SC, NE)
- Working Sessions
 - DOE Oversight Policy, Order, and Manual – Bubar/Spader
 - Measuring & Monitoring ISM Success – Chung/Weis
 - Feedback & Improvement – Worley/Beausoleil
 - Work Planning & Control – Russo/Dearolph
 - 10 CFR 851 Worker Safety Rules – Erbshloe/Yanek



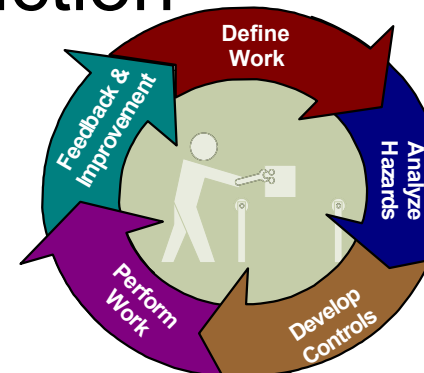
ISM Champions Council

- A coordinating body to assist DOE in developing and sustaining vital, mature ISM systems.
- To be charged by the Deputy Secretary, endorsed by line management, operated in accordance with an approved Charter.
- Membership includes HQ and Field Offices.
- DOE ISM Champions are refining the Council's primary functions (*Monday PM meeting*).



Integrating ISM with Other Management Systems

- Integrating EMS into ISM Systems
 - DOE Order 450.1 requires that EMSs:
 - Be in place at DOE sites by December 31, 2005
 - Be part of sites' ISM Systems
 - Almost all DOE sites (41/43) met this deadline, 3 sites with recent contract changes have schedules in place to implement EMS (*Steve Woodbury, EH-43*)
- Integrating safety into design & construction
- Integrating QA into ISM Systems



Improving Safety Performance – Examples of Initiatives

- Complex-Wide

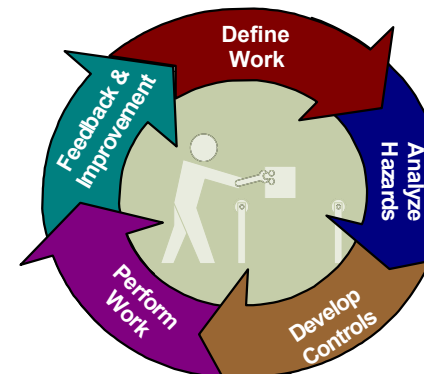
- Electrical Safety Initiatives (sponsors – EFCOG & EH)
- VPP (EH)
- Human Performance Center (EH)

- Site-Level

- Just-In-Time Lessons Learned: INL, ORP
- HPI initiatives: ORP, RL, Y-12
- Building Everyone Safe Tomorrows (BEST): Y-12
- Time Out for Safety: SRS, WIPP

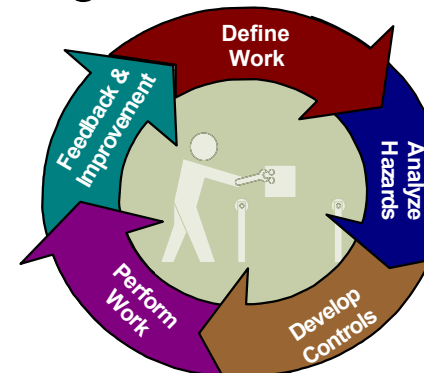
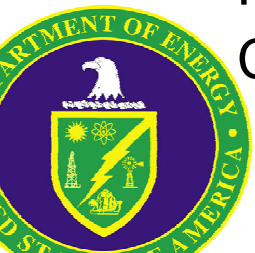
- Facility-Level

- Design Basis Reconstitution Program for ATR: INL



Review of 2004-1 IP Actions

- DOE Secretary forwarded 2004-1 IP to the Board in June 2005
 - The IP has 29 Commitments in 3 areas
 - Strengthening Federal Oversight
 - Learning from Internal & External Operational Experiences
 - Revitalizing ISM Implementation
 - Review of 2004-1 IP actions
 - Deputy Secretary's memo, 4/4/06
 - NNSA Administrator & Under Secretary's memo, 4/24/06
 - Tabulated actions to be reviewed against 4 criteria - line management responsibility/accountability, micromanagement, risk averse behavior, "what" vs. "how"
 - HQ/Field inputs due by 5/5/06
- Consolidated review summary due 6/1/06



Remedial value of event prevention strategies

Workplace Factors

36%

Organizational Processes

31%

Organizational Culture
Factors

17%

Individuals

11%

Regulation

4%

Society

1%

Source: James Reason "Managing the Risks of Organizational Accidents"

